11-2-04

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Express Mail No. EV 463 357 571 US Attorney Docket No: 2000-008/9/14

**PATENT** 

41

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Robert G. Wilhelm, et al.

Examiner:

Desire, Gregory M.

Serial No.

: 09/876,915

Art Unit:

2625

Filed

: June 8, 2001

Title

: Systems and Methods for Adaptive Sampling and Estimating a

Systematic Relationship Between a Plurality of Points

Mail Stop: Amendment Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

NOV 0 8 2004
Technology Common 200

## RESPONSE TO NON-FINAL OFFICE ACTION

Dear Sir:

In response to the Office Action mailed July 2, 2004, Applicants submit the following Amendment and Remarks.

Amendments in the Specification - begin on page 2.

Amendments in the Claims - begin on page 6.

Remarks - begin on page 14.